

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Inventor Patent Application of)

Marie-Madeleine Cals-Grierson)

Group Art Unit: 1616

Application No.: 10/769,794)

Examiner:

Filed: February 3, 2004)

Confirmation No.: 9252

For: USE OF N-ARYLMETHYLENE)
ETHYLENEDIAMINETRIACETATES, N-))
ARYLMETHYLENE)
IMINODIACETATES OR N, N'-)
DIARYLMETHYLENE)
ETHYLENEDIAMINEACETATES AS)
DONERS OF NO)

FIRST INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

In accordance with the duty of disclosure as set forth in 37 C.F.R. § 1.56, the accompanying information is being submitted in accordance with 37 C.F.R. §§ 1.97 and 1.98.

Pursuant to 37 C.F.R. § 1.98, a copy of each of the documents cited is enclosed.

The documents are being submitted within three (3) months of the filing or entry of the national stage of this application or before the first Office Action on the merits, whichever is later. Since these documents are being filed within the time period set forth in 37 C.F.R. § 1.97(b), no fee or statement is required.

FIRST Information Disclosure Statement

Application No. 10/769,794

Attorney's Docket No. 016800-590

Page 2

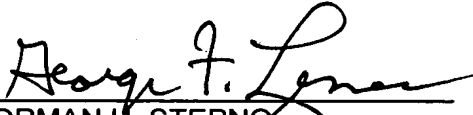
To assist the Examiner, the document is / documents are listed on the attached form PTO-1449. It is respectfully requested that an Examiner initialed copy of this form be returned to the undersigned.

Respectfully submitted,

BURNS, DOANE, SWECKER & MATHIS, L.L.P.

Date JUNE 30, 2004

P.O. Box 1404
Alexandria, Virginia 22313-1404
(703) 836-6620

By: 
for NORMAN H. STEPNO
Registration No. 22,716

George F. Lesmes
Registration No. 19,995

Substitute for form 1449A/PTO & 1449B/PTO		Complete if Known	
FIRST INFORMATION DISCLOSURE STATEMENT BY APPLICANT		Application Number	10/769,794
		Filing Date	February 3, 2004
		First Named Inventor	Marie-Madeleine Cals-Grierson
		Examiner Name	
Sheet	2	Attorney Docket Number	016800-590

U.S. PATENT DOCUMENTS				
Examiner Initials	Document Number	Kind Code (if known)	Name of Patentee or Applicant of Cited Document	Issue/Publication Date (MM-DD-YYYY)
	4,528,196		PITT	JULY 9, 1985
	6,103,275		SEITZ et al.	AUGUST 15, 2000

FOREIGN PATENT DOCUMENTS						
Examiner Initials	Document Number	Kind Code (if known)	Country	Date of Publication (MM-DD-YYYY)	Translation	
					Yes	No
	EP 0 664 290	A1	EUROPEAN PATENT OFFICE	JULY 16, 1996		X
	EP 0 755 917	A1	EUROPEAN PATENT OFFICE	JANUARY 29, 1997		X
	EP 0 820 763	A2	EUROPEAN PATENT OFFICE	JANUARY 28, 1998		X
	EP 0 700 896	A1	EUROPEAN PATENT OFFICE	MARCH 13, 1996		X
	WO 97/15280	A1	PCT	MAY 1, 1997		X
	WO 99/12891	A1	PCT	MARCH 18, 1999		X
	WO 01/87253	A1	PCT	NOVEMBER 22, 2001		X
	WO 94/11338	A1	PCT	MAY 26, 1994		X
	WO 02/102344	A2	PCT	DECEMBER 27, 2002		X

NON-PATENT LITERATURE DOCUMENTS		
Examiner Initials	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	
	BENRATH et al., "Substance P and nitric oxide mediate wound healing of ultraviolet photodamaged rat skin: evidence for an effect of nitric oxide on keratinocyte proliferation", Neuroscience Letters, 1995, pgs. 17-20, 200, Elsevier Science Ireland Ltd.	
	GALEY et al., "Protection of U937 Cells Against Oxidation Injury by a Novel Series of Iron Chelators", Free Radical Biology & Medicine, 1998, pgs. 881-890, Vol. 25, No. 8, Elsevier Science Inc.	
	ORMEROD et al., "The Inflammatory and Cytotoxic Effects of a Nitric Oxide Releasing Cream on Normal Skin", The Journal of Investigative Dermatology, 1999, pgs. 392-397, Vol. 113, No. 3, The Society for Investigative Dermatology, Inc.	
	HARDWICK et al., "A novel method for the delivery of nitric oxide therapy to the skin of human subjects using a semi-permeable membrane", Clinical Science, 2001, pgs. 395-400, 100, The Biochemical Society and the Medical Research Society (Great Britain)	
	BRUCH-GERHARZ et al., "Nitric Oxide in Human Skin: Current Status and Future Prospect", The Journal of Investigative Dermatology, January 1998, pgs. 1-7, Vol. 110, No. 1, The Society for Investigative Dermatology, Inc.	
	GALEY et al., "Protection against Oxidative Damage by Iron Chelators: Effect of Lipophilic Analogues and Prodrugs of N,N'-Bis(3,4,5-trimethoxybenzyl)ethylenediamine-N,N'-diacetic Acid (OR10141)", Journal of Medical Chemistry, 2000, pgs. 1418-1421, Vol. 43, No. 7, American Chemical Society	
	GALEY et al., "N,N'-Bis(3,4,5-trimethoxybenzyl)ethylenediamine-N,N'-diacetic Acid as a New Iron Chelator with Potential Medicinal Applications against Oxidative Stress", Biochemical Pharmacology, 1996, pgs. 103-115, Vol. 51, Elsevier Science Inc.	
	HECK et al., "Epidermal Growth Factor Suppresses Nitric Oxide and Hydrogen Peroxide Production by Keratinocytes", The Journal of Biological Chemistry, 1992, pgs. 21277-21280, Vol. 267, No. 30, The American Society for Biochemistry and Molecular Biology Inc.	
Examiner Signature		Date Considered

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with M.P.E.P. § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

Substitute for form 1449A/PTO & 1449B/PTO				Complete if Known	
FIRST INFORMATION DISCLOSURE STATEMENT BY APPLICANT <small>(use as many sheets as necessary)</small>				Application Number	10/769,794
				Filing Date	February 3, 2004
				First Named Inventor	Marie-Madeleine Cals-Grierson
				Examiner Name	
Sheet	2	of	2	Attorney Docket Number	016800-590

NON-PATENT LITERATURE DOCUMENTS	
Examiner Initials	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.
	European Search Report corresponding to EP 04 9 0252, issued on May 12, 2004, 10 pages
	French Search Report corresponding to FR 03/01211, issued on September 23, 2003, 10 pages

Examiner Signature		Date Considered	
-------------------------------	--	----------------------------	--

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with M.P.E.P. § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.